

In re Patent Application of:
MARK WELLS
Serial No. 10/542,889
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In the Specification

Please amend the following paragraphs to read as follows:

[0030] Figure 3 ~~and Figure 3a shows another~~ illustrate schematic cross-sectional representations of the electrical connection devices in keeping with the teachings of the present invention.

[0038] Although the invention has been described with reference to particular examples, it will be appreciated by those skilled in the art that the invention may be embodied in many other forms. For example, in an alternative to the embodiment shown in Figure 3, and as illustrated by way of example with reference to Figure 3a, the pin 24 may have an outwardly curved surface 24a and the socket 22 may have a straight bore 30a arranged to receive the pin. In this case the wedge portion 25 would bend the fingers 32 of the socket 22 inwardly about the apex of the curvature of the pin 22. In addition, it is to be appreciated that alternatively the socket 22 can be secured in housing 28 and the pin 24 is arranged to be moveable relative to the housing 28 and the socket 22. In this case the wedge portion 25 can, for example, be provided in form of an insert for the housing 28 that is received at the angled surface 36 of the socket 22. Further, in an alternative embodiment the inner surface of the socket may be straight and the pin may have an outer surface that is also straight. Further, the pin may include an end-portion that is expandable and arranged to expand when the socket is moved over the pin. In this case the end-portion of the pin may include fingers and a wedge-portion may be centrally located at the bottom part of the inner surface of the socket and arranged to wedge the fingers of the pin outwardly against the inner surface of the socket. The device may also comprise two or more wedge portions and both the socket and the pin

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may have wedging surfaces. The wedge portions may be arranged to impart a force on respective wedging surfaces to bias respective opposing engagement surfaces of the pin and the socket against each other.